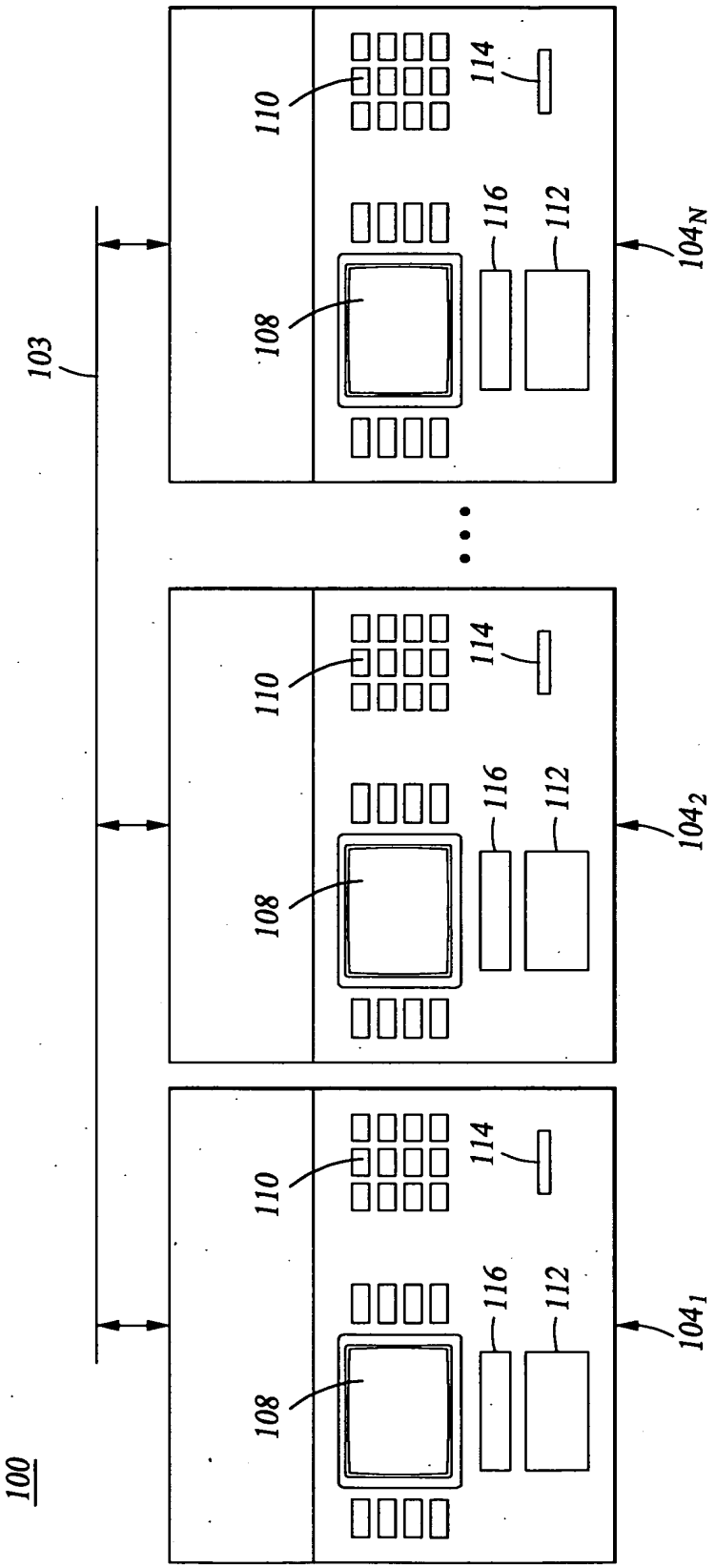

Fig. 1

EL684622003US

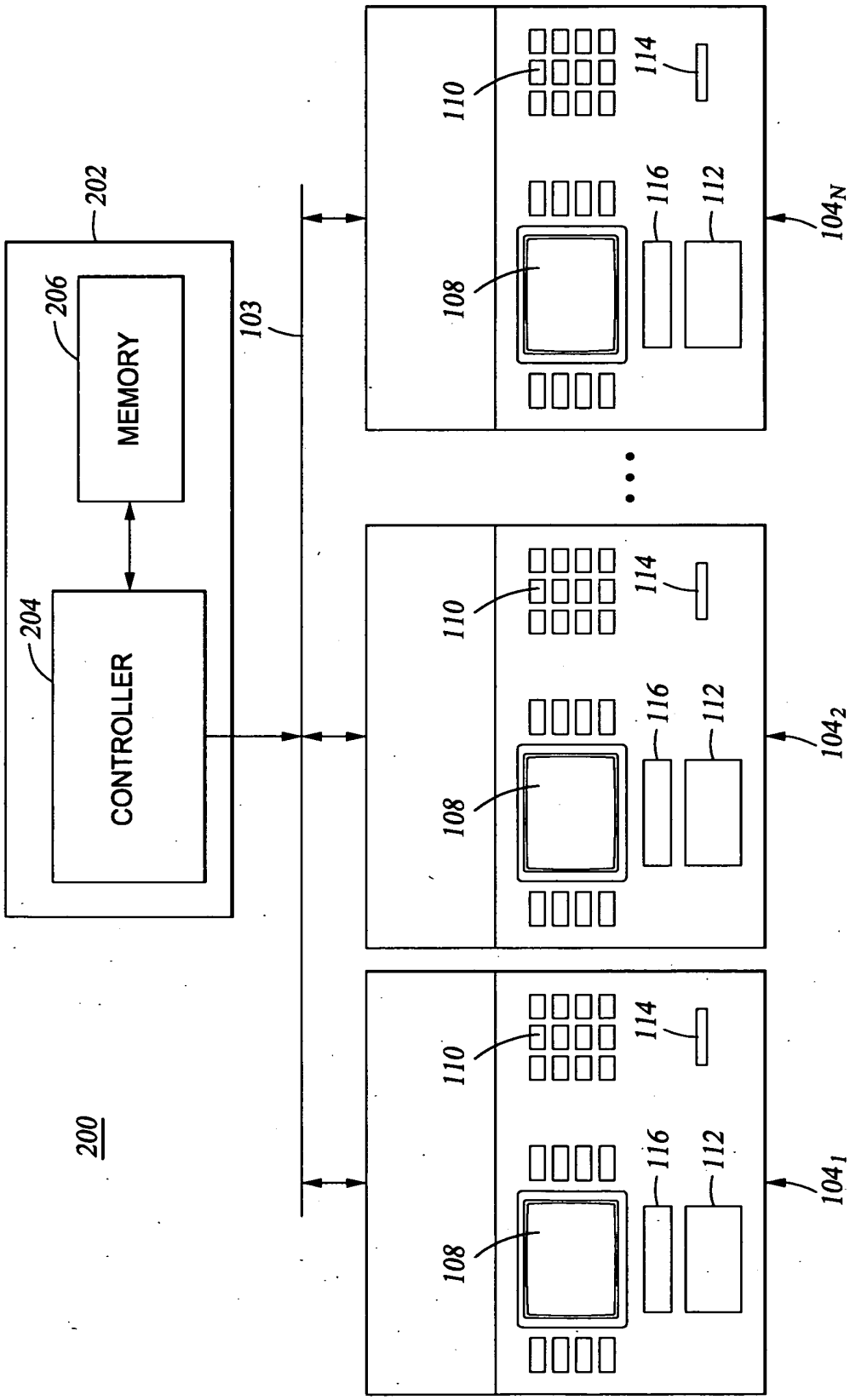
200
202
CONTROLLER
204
MEMORY
206
103
110
114
116
112
108
104_N
104_2
104_1

Fig. 2

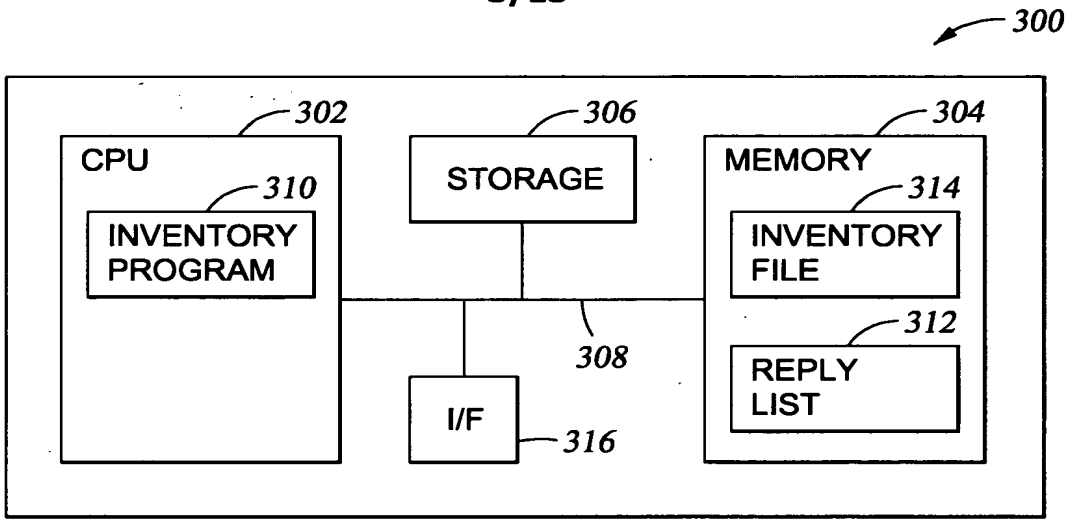

Fig. 3

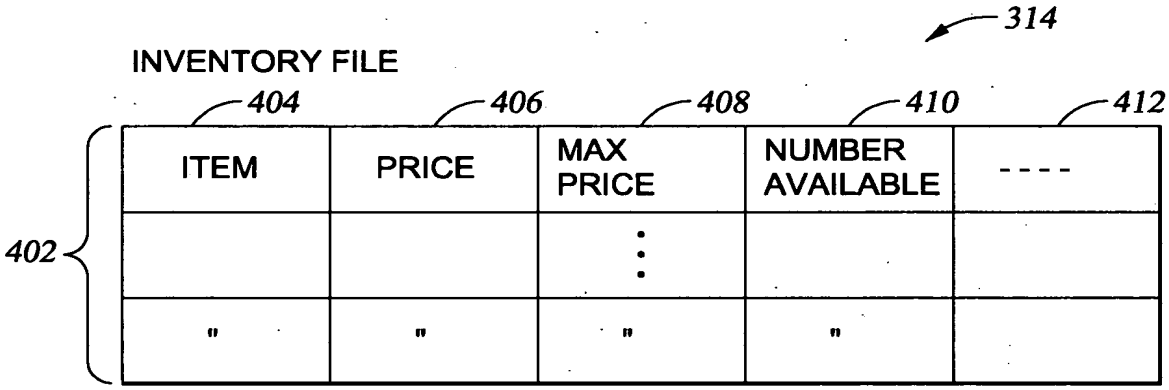

Fig. 4

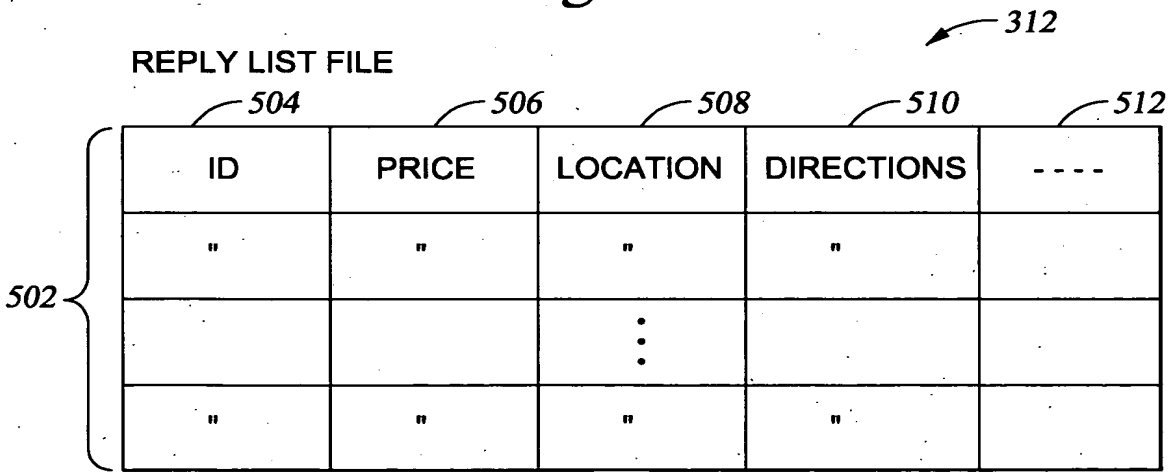

Fig. 5

FEDEX: 0950 3568 4

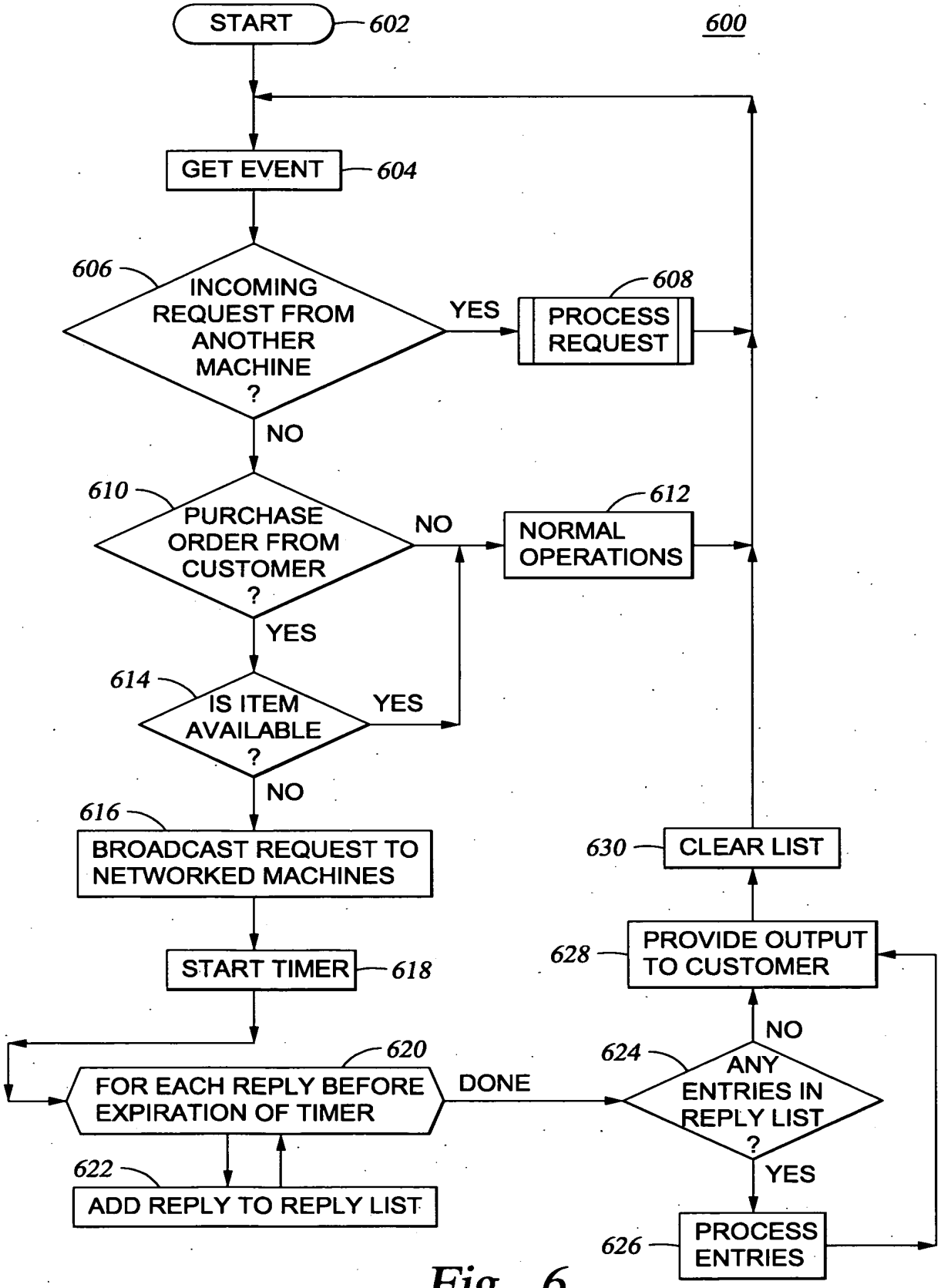
START
602
600
GET EVENT
604
606
INCOMING REQUEST FROM ANOTHER MACHINE ?
YES
608
PROCESS REQUEST
NO
610
PURCHASE ORDER FROM CUSTOMER ?
NO
612
NORMAL OPERATIONS
YES
614
IS ITEM AVAILABLE ?
YES
NO
616
BROADCAST REQUEST TO NETWORKED MACHINES
START TIMER
618
620
FOR EACH REPLY BEFORE EXPIRATION OF TIMER
DONE
622
ADD REPLY TO REPLY LIST
624
ANY ENTRIES IN REPLY LIST ?
NO
YES
626
PROCESS ENTRIES
628
PROVIDE OUTPUT TO CUSTOMER
630
CLEAR LIST

Fig. 6

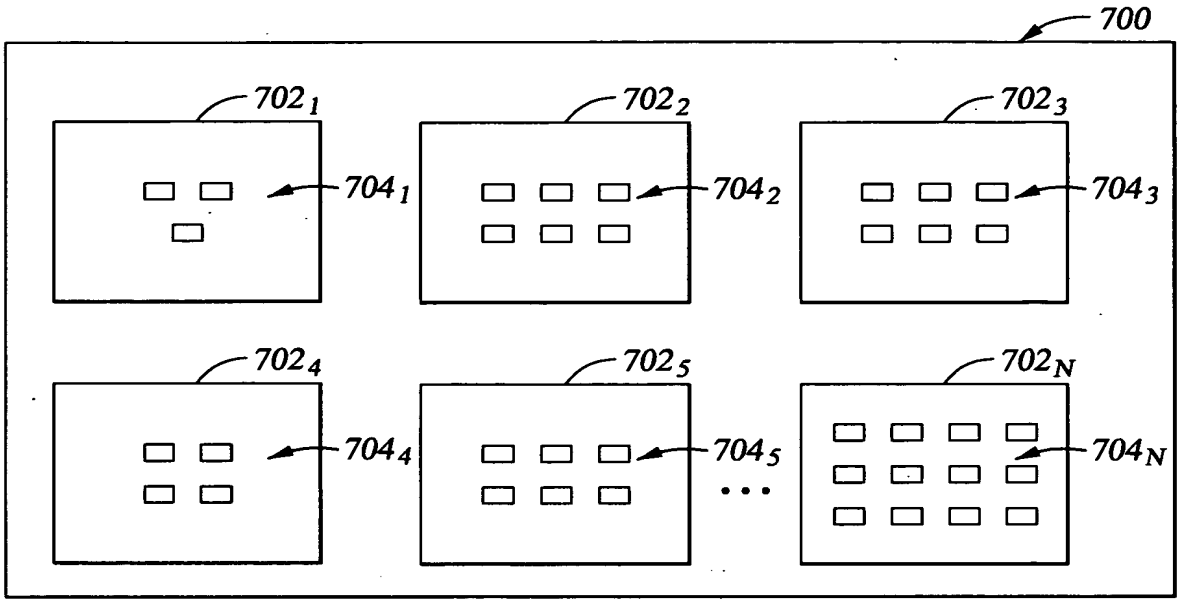
700
702_1
702_2
702_3
704_1
704_2
704_3
702_4
702_5
702_N
704_4
704_5
704_N

Fig. 7

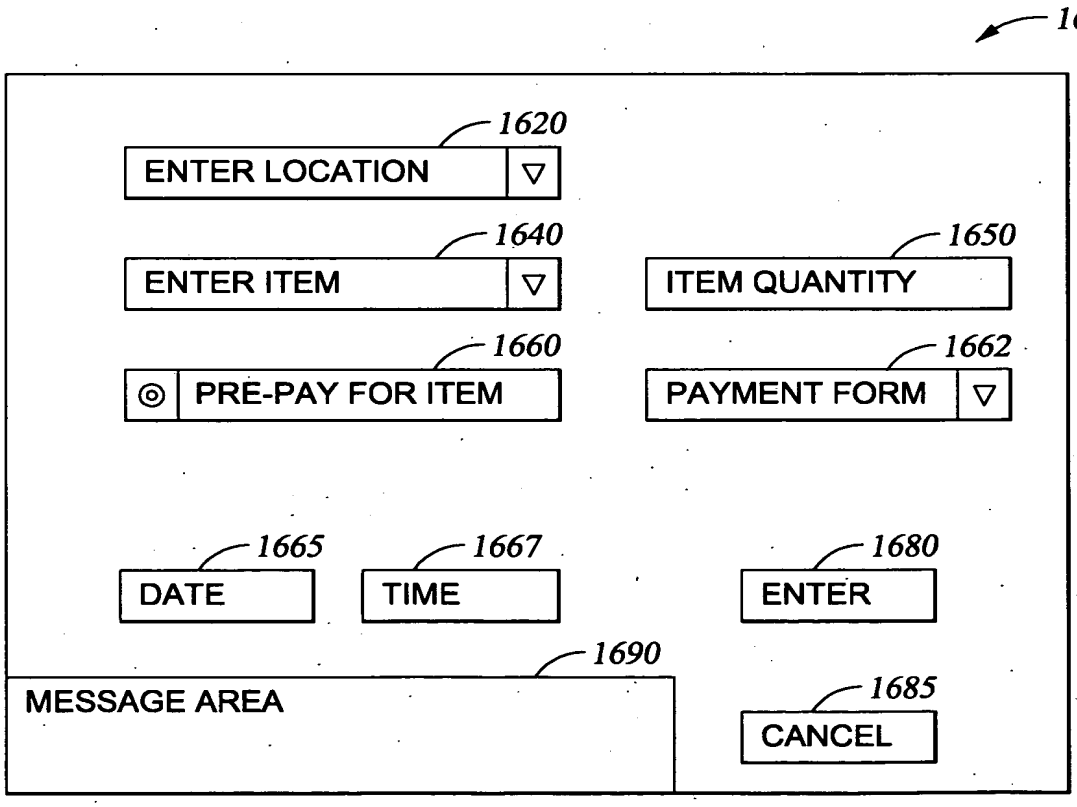
1600
1620
ENTER LOCATION
1640
ENTER ITEM
1650
ITEM QUANTITY
1660
PRE-PAY FOR ITEM
1662
PAYMENT FORM
1665
DATE
1667
TIME
1680
ENTER
1690
MESSAGE AREA
1685
CANCEL

Fig. 16

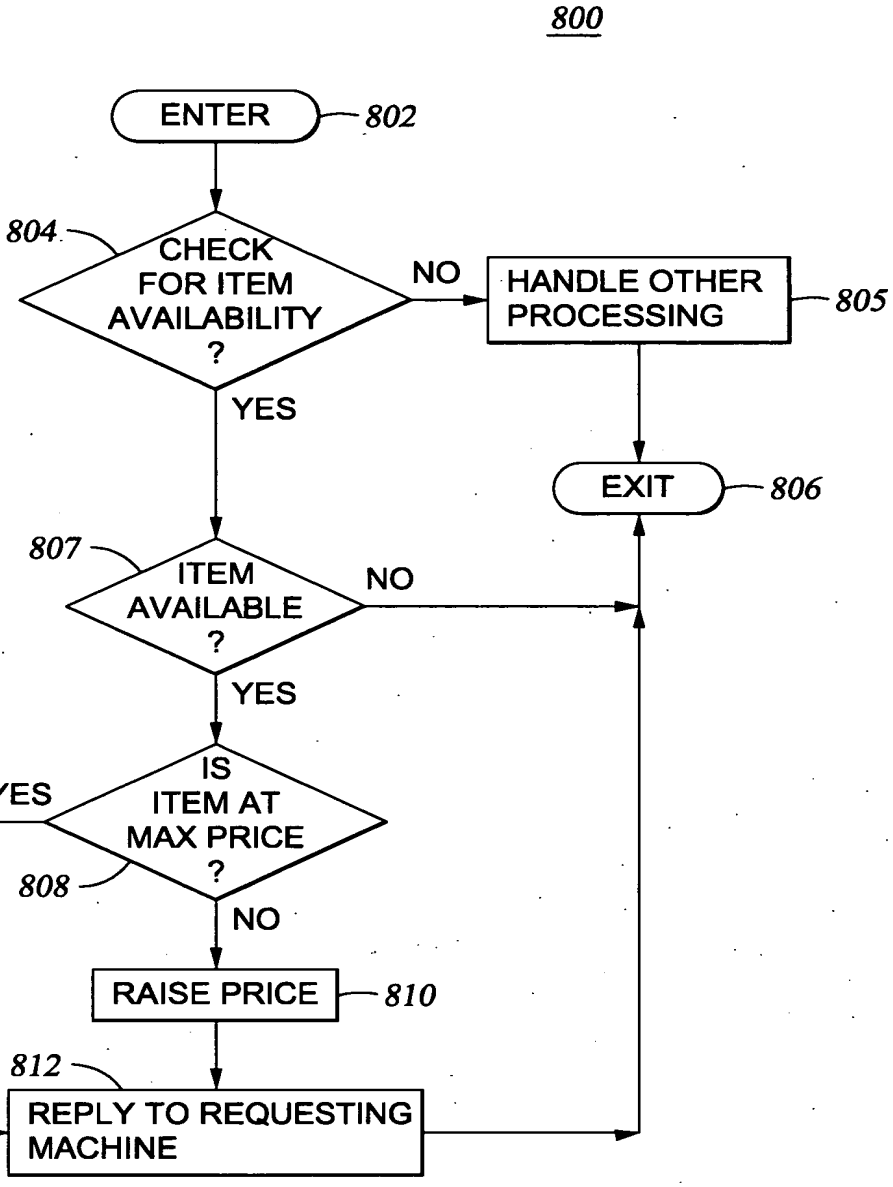

Fig. 8

Docket #ROC920010064US1

TOE050 "EL584622003US"

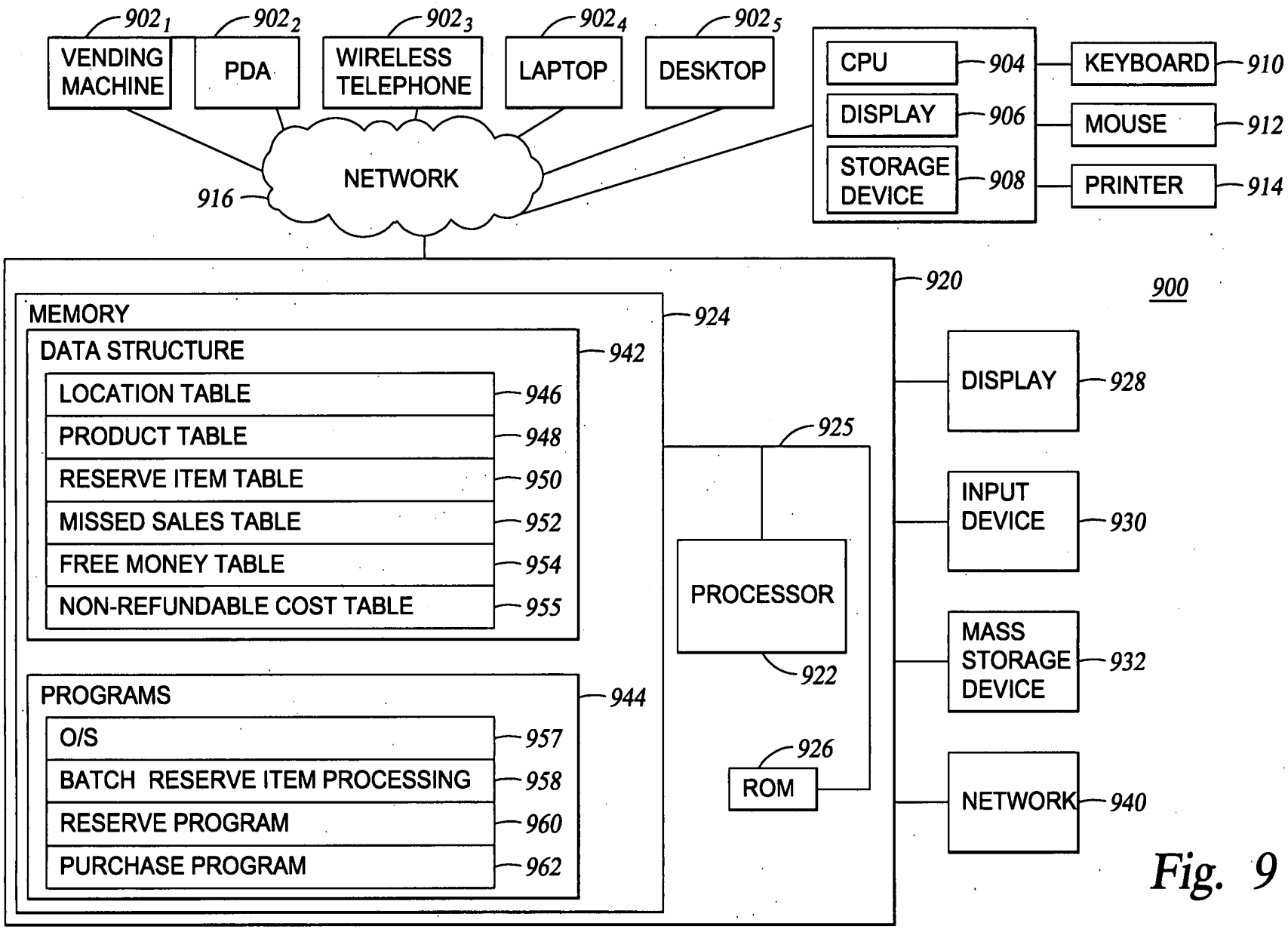

Fig. 9

Att. Dkt. No. ROC920010064US1
U.S. Serial No.: UNKNOWN
File : HEREWITH
Inventor: BATES ET AL.
Express Mail No.: EL684622003US
Sheet 7 of 13

TOE050 EZ584860

Location Table

Location ID	Physical Location	Description	...
1002	1004	1006	1008

946

Fig. 10

Product Table

Location ID	Item ID	Quantity Available	Quantity Reserved	Price	...
1102	1104	1106	1108	1110	1112

948

Fig. 11

Reserved Item Table

Location ID	Item ID	Customer ID	Quantity	Payment Form	Date/ Time	Non-Refundable Y/N	Non-Refundable Cost	Pre-Paid	Confirmation Number	...
1202	1204	1206	1208	1210	1212	1214	1216	1218	1220	1222

950

Fig. 12

Missed Sales

Location ID	Item ID	Missed Quantity	Reason	...
1302	1304	1306	1308	1310

952

Fig. 13

Free Money Table

Location ID	Item	Quantity	Price	...
1402	1404	1406	1408	1410

954

Fig. 14

Non-Refundable Cost Table

Location ID	Item	Non-Refundable Cost	...
1502	1504	1506	1508

955

Fig. 15

Atty. Dkt. No. ROC920010064US1
U.S. Serial No.: UNKNOWN
Filed: HEREWITH
Inventor: BATES ET AL.
Express Mail No.: EL684622003US
Sheet 8 of 13

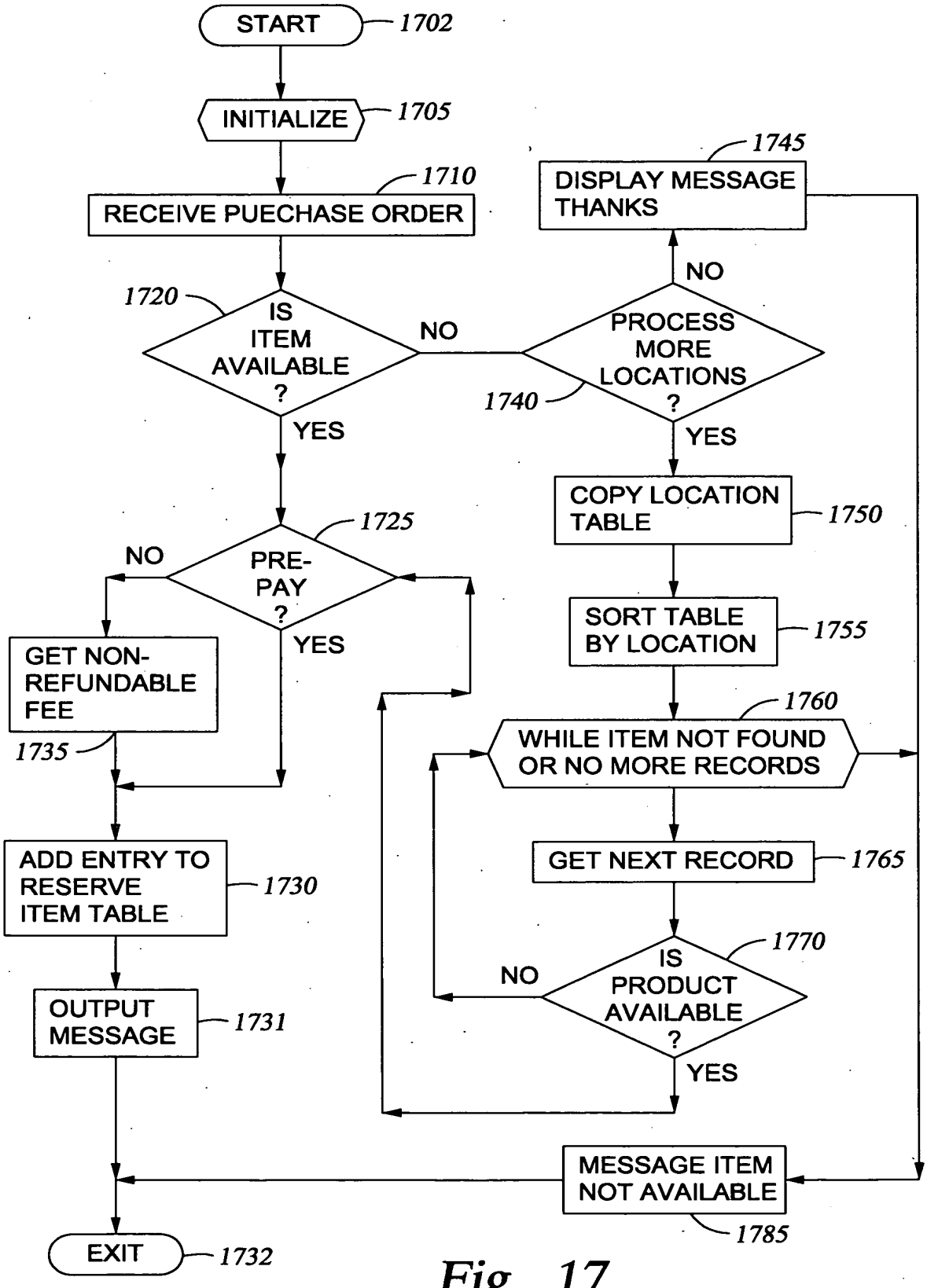

Fig. 17

FIG 17 - 0.5 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 0.9 - 1.0

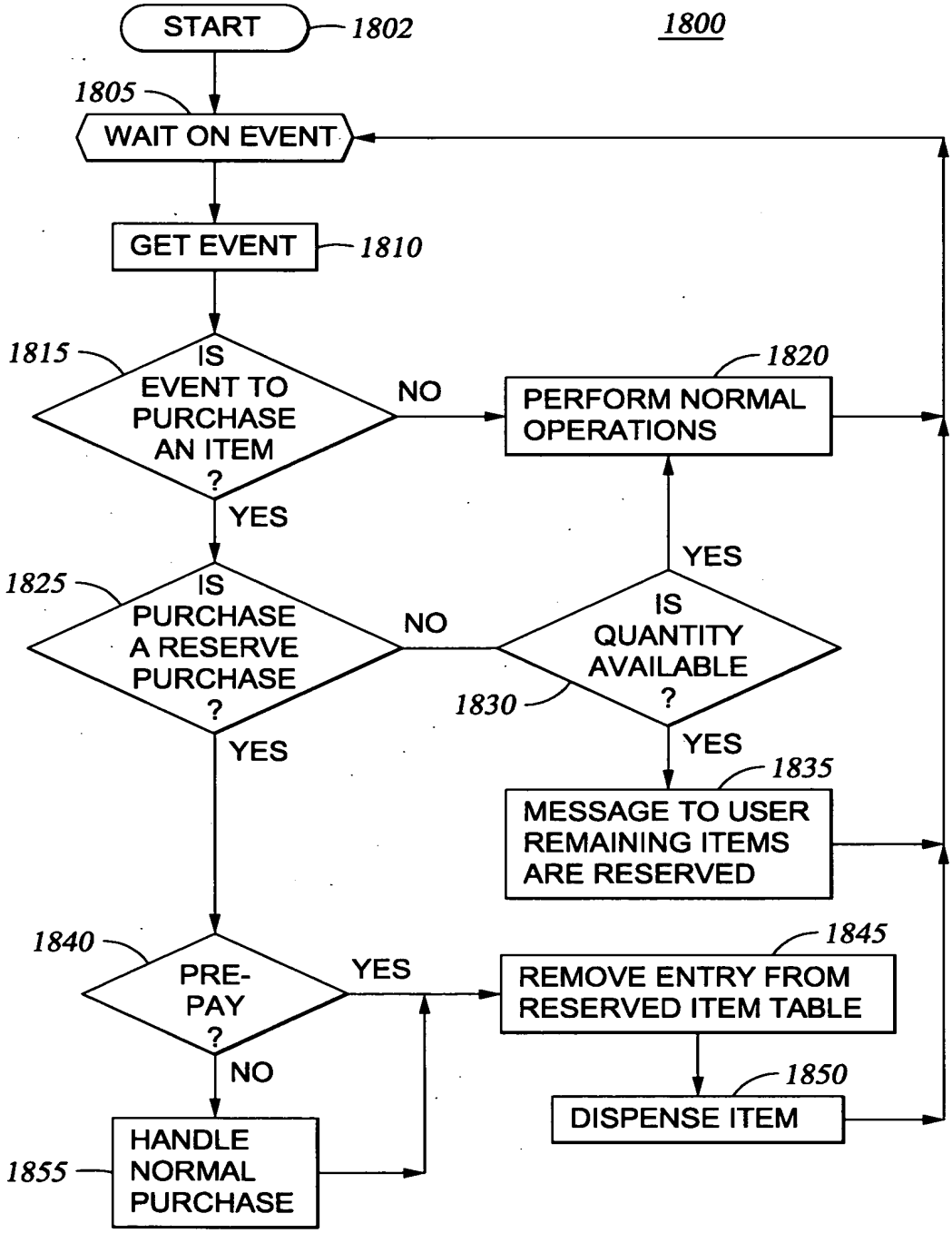
START
1802
1800
1805
WAIT ON EVENT
GET EVENT
1810
1815
IS EVENT TO PURCHASE AN ITEM ?
NO
1820
PERFORM NORMAL OPERATIONS
YES
1825
IS PURCHASE A RESERVE PURCHASE ?
NO
IS QUANTITY AVAILABLE ?
1830
YES
YES
1835
MESSAGE TO USER REMAINING ITEMS ARE RESERVED
1840
PRE-PAY ?
YES
1845
REMOVE ENTRY FROM RESERVED ITEM TABLE
NO
1850
DISPENSE ITEM
1855
HANDLE NORMAL PURCHASE

Fig. 18

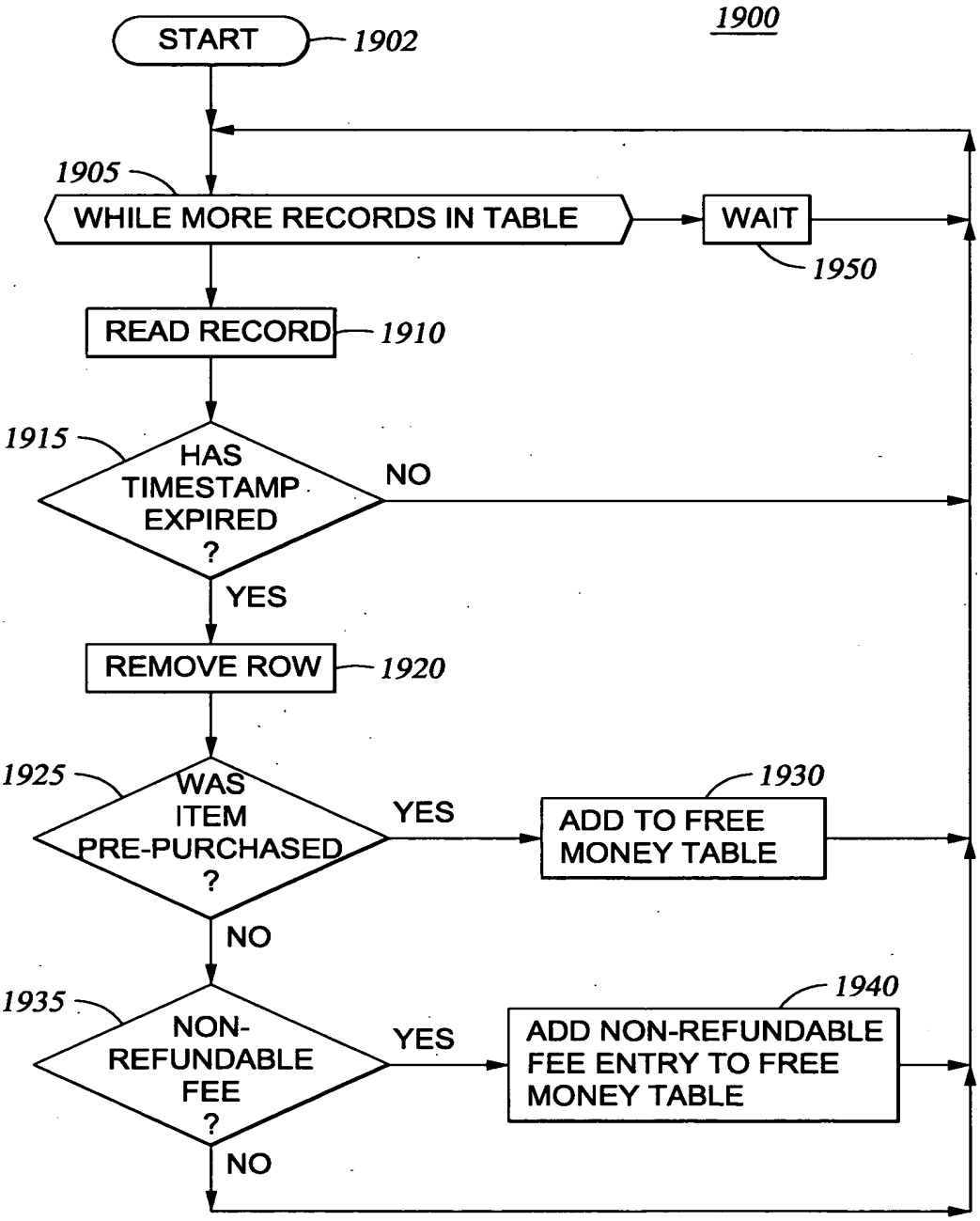
1900
START
1902
1905
WHILE MORE RECORDS IN TABLE
WAIT
1950
READ RECORD
1910
1915
HAS TIMESTAMP EXPIRED ?
NO
YES
REMOVE ROW
1920
1925
WAS ITEM PRE-PURCHASED ?
YES
1930
ADD TO FREE MONEY TABLE
NO
1935
NON-REFUNDABLE FEE ?
YES
1940
ADD NON-REFUNDABLE FEE ENTRY TO FREE MONEY TABLE
NO

Fig. 19

FOE050 "EL584622003US"

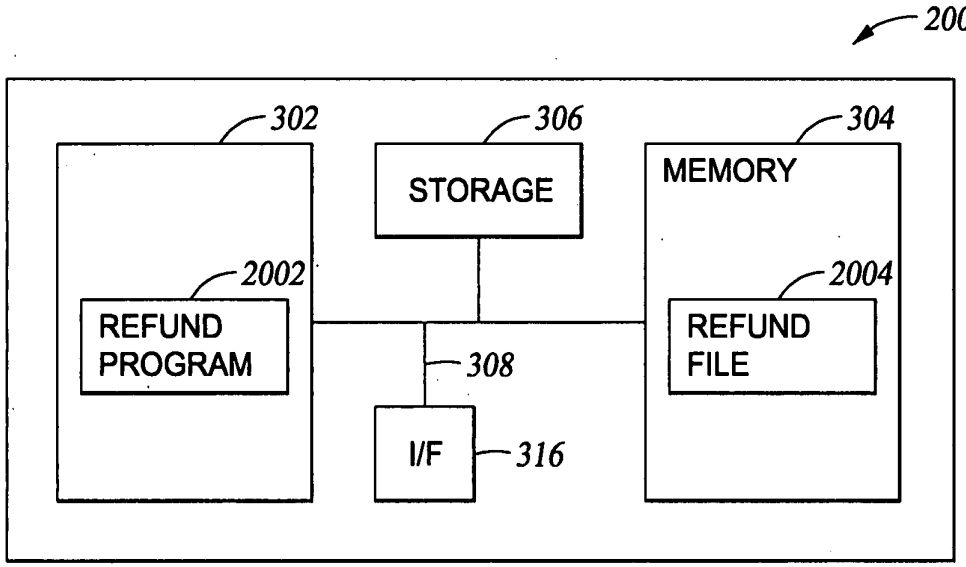

Fig. 20

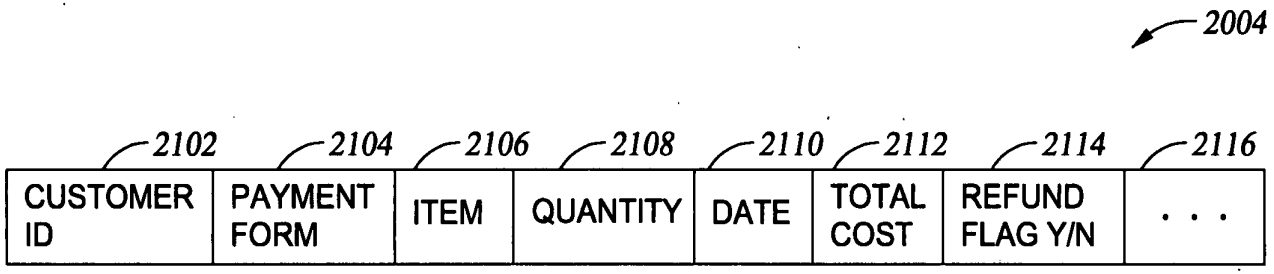

Fig. 21

FP03050-US-684622003US

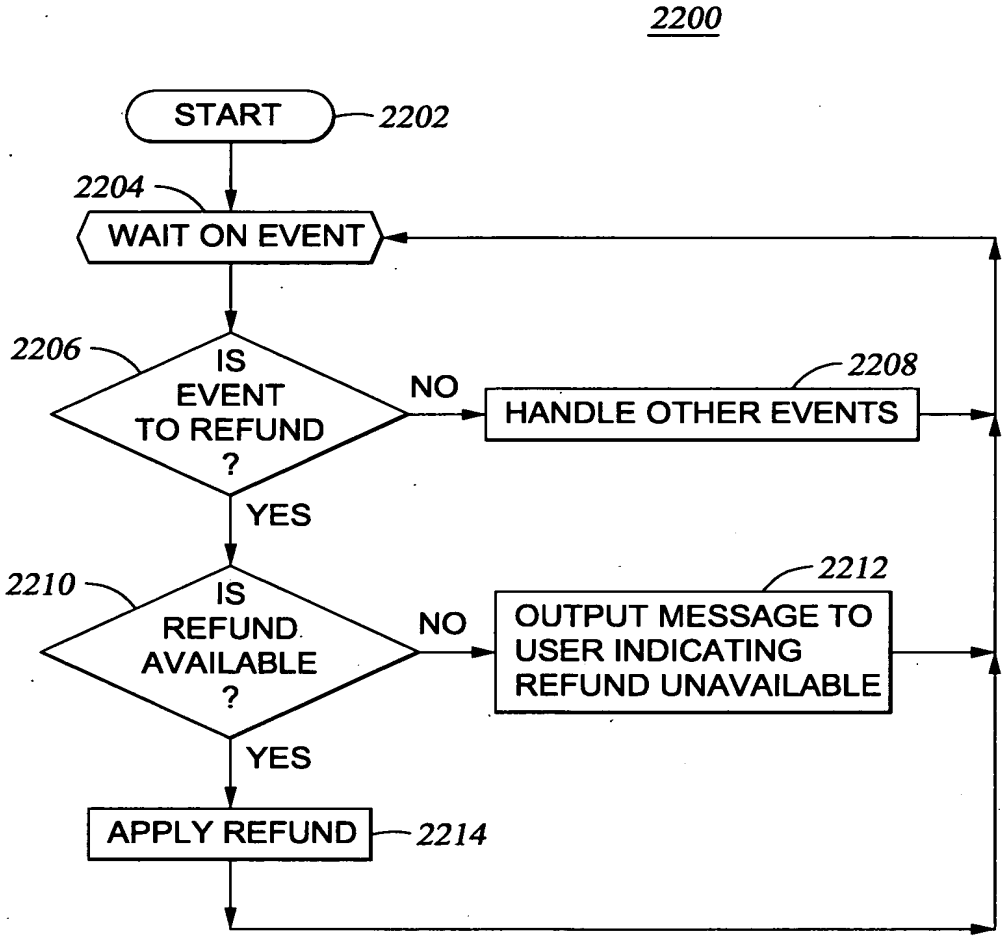

Fig. 22